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AUSTIN, TEXAS 78731**FACSIMILE TRANSMITTAL TO USPTO**

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<b>Date:</b> January 19, 2005	<b>Pages:</b> 9 (including this sheet)
<b>From:</b> Steven R. Gilliam	<b>Senders Phone No.:</b> (512) 338-6300 <b>Senders Fax No.:</b> (512) 338-6301

**REGARDING:**

<b>Title:</b>	MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTIGUOUS ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP PRIMITIVE		
<b>Application No.:</b>	09/547,288	<b>Filed:</b>	November 4, 2000
<b>Examiner:</b>	Aimee J. Li	<b>Group Art Unit:</b>	2183
<b>Atty. Docket No.:</b>	004-4663	<b>Confirmation No.:</b>	4871

**ATTACHED HERETO:**

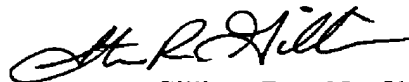
- (1) Response After Final Rejection ( 6 pages)
- (2) Transmittal Letter (2 pages)

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Steven R. Gilliam19-Jan-2005  
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Respectfully submitted,

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January 19, 2005

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P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No.: 004-4663

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Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- ☒ Response After Final Rejection (6 page(s))  
☐ Petition for Extension of Time (      month ) (      page(s))  
☐ Information Disclosure Statement (      page(s)), including PTO/SB0/8A and/or  
PTO/SB/08B (      page(s)), and copies of      reference(s)  
☐ Other: (      page(s))  
☐ Other: (      page(s))  
☐ Other: (      page(s))  
☒ Transmittal Letter (2 pages);  
☐ Return postcard;

The Total Fee has been calculated as shown below:

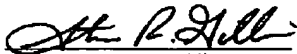
	Pending Claims	Claims Previously Paid	Extra Claims	Fees
Total Claims	N/A	- 20 =	0 x \$50.00 =	0.00
Independent Claims		- 3 =	0 x \$200.00 =	0.00
Multiple Dependent Claims (if any) - \$360.00 fee				
Additional Claims Fee				\$ .00
Fee For Extension Of Time				
Other Fees: (      )				
<b>TOTAL FEE DUE:</b>				<b>\$ .00</b>

- ☐ Small entity status is entitled to be asserted for the application.  
☐ The Total Filing Fee shown above is not being paid at this time.  
☐ A check is enclosed for the Total Filing Fee shown above.  
☐ Please charge the Total Filing Fee shown above to Deposit Account 50-0631.  
☒ The Commissioner is hereby authorized to charge any deficiency in fees and any fees under 37 C.F.R. § 1.16 or 1.17, not submitted herewith, that may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

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I hereby certify that, on the date shown below, this correspondence is being

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Steven R. Gilliam

19-Jan-2005

Date

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Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nir N. Shavit et al.

Title: MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTIGUOUS  
ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND  
REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP  
PRIMITIVE

Application No.: 09/547,288

Filed: November 4, 2000

Examiner: Aimee J. Li

Group Art Unit: 2183

Atty. Docket No.: 004-4663

Confirmation No.: 4871

January 19, 2005

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE AFTER FINAL REJECTION (37 C.F.R. § 1.116)**

This paper is being submitted following the Final Rejection mailed on November 19, 2004. In light of the Amendments and/or Remarks herein, further consideration is requested.